

Ningbo Beilun Highsun Machinery Co., Ltd.

[SP smart power Injection Molding Machine](#)



The plasticizing parts with optimized design can improve the plasticizing ability and injection precision of the machine significantly; Screw transmission adopts the spline to connect and the force is uniliform when the screw rotates, The moving part is guided by linear guide rail to reduce friction during movement.

The clamping parts with optimized design has a mold-plate structure with a pressing center, which makes the clamping force act on the mold-plate directly and improves the forming accuracy of the product. And it has a larger moving mold-plate stroke as well as reduces the contact stress of the axis pin.

Newly designed lateral mechanical safety structure;The feet slip structure of moving mold-plate is newly designed with oblique-wedge.

Adopt high-precision controller system, provide performance more stable, higher repetition precision, stronger anti-interference and higher level of security protection. Also standard with fuction of energy consumption monitorning.

The movement curve of newly designed five-points double toggle structure shows that the movemen of movable mould-plate has advantages of being faster, more stable and better controllability. And also quicker cycle.

Hydraulic power system uses the motors with high response, high power density, low inertia and low noise to bring unique feeling of high performance and low noise to customers with improved screw pump.

Hybrid Injection Molding Machine



HXYD hybrid series of injection molding machine is a new solution for high-endpacking industry, high-end household wares and medical suppliers industry, which was researching and developing on base of fully-electric(injection speed:500mm/s, start producing since 2009) and high-speed series(start producing since 2012), combined with the clamping unit of high-speed series and injection unit of fully-electric series, considered with both of energy saving and environment protection. It satisfies the needs of stronger clamping force and higher performance of injection unit, provide more energy saving and higher efficiency(simultaneously mold opening and charging).

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